

### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of the claims in the application:

### **Listing of Claims**

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Claims 1-4 (previously canceled)

Claim 15. (previously presented) A reagent for diagnosing diseases in which activated eosinophils are present at the disease site said reagent selected from the group consisting 3-bromotyrosine, 3,5-dibromotyrosine, a peptide containing 3-bromotyrosine, a peptide containing 3,5-dibromotyrosine, and combinations thereof.

Claim 16. (currently amended) The reagent of claim ~~14~~ 15 wherein said reagent is a heavy isotope labeled 3-bromotyrosine or a heavy isotope labeled 3,5-dibromotyrosine. .

Claim 17. The reagent of claim 16 wherein said reagent is labeled with  $^{13}\text{C}_6$ ,  $^2\text{H}_4$ , or  $^{13}\text{C}_9$  and  $^{15}\text{N}_1$ .

Claims 19-20 (previously canceled)

Claim 21. (withdrawn) A diagnostic kit for diagnosing diseases in which activated eosinophils are present at the disease site, said kit comprising an antibody that specifically reacts with 3-bromotyrosine, or 3'5 di-bromotyrosine, or 3-bromotyrosine and a 3,5-dibromotyrosine, wherein the bromotyrosine is either free or contained within a peptide or protein.

Claim 22. (withdrawn) The diagnostic kit of claim 21 wherein said antibody is a monoclonal antibody.

Claim 23. (new) The reagent of claim 15 wherein said reagent is 3 bromotyrosine.

Claim 24. (new) The reagent of claim 15 wherein said reagent is 3,4-dibromotyrosine.

Claim 25. (new) The reagent of claim 15 wherein said reagent a peptide containing 3-bromotyrosine

Claim 26. (new) The reagent of claim 15 wherein said reagent is a peptide containing 3, 5 dibromotyrosine.

Claim 27. (new) The reagent of claim 15 wherein said reagent is combination of 3-bromotyrosine, 3,5-dibromotyrosine, a peptide containing 3-bromotyrosine, a peptide containing 3,5-dibromotyrosine.

Claim 28. (new) The reagent of claim 15 wherein said reagent is a combination of 3-bromotyrosine, and 3,5-dibromotyrosine.

Claim 29. (new) The reagent of claim 15 wherein said reagent is combination of a peptide containing 3-bromotyrosine, and a peptide containing 3,5-dibromotyrosine.

Claim 30. (new) The reagent of claim 15 wherein said reagent is a heavy isotope labeled 3-bromotyrosine.

Claim 31. (new) The reagent of claim 15 wherein said reagent is a heavy isotope labeled 3,5-bromotyrosine.

Claim 32. (new) The reagent of claim 15 wherein said reagent is a heavy isotope labeled 3-bromotyrosine and a heavy isotope labeled 3,5 dibromotyrosine.